



**NEW MEXICO
ENVIRONMENT DEPARTMENT**



**GROUND WATER QUALITY BUREAU (GWQB)
DISCHARGE PERMIT
Issued under 20.6.2 NMAC**

Draft: June 18, 2020

Facility Name: MGS Custom Cutting
GWQB Discharge Permit Number: DP-1905
GWQB TEMPO AI Number: 36342

Permittee Name/Responsible Party: Gale Smith, Owner
Mailing Address: 24 Road 6339
Kirtland, NM 87417

Facility Contact: Gale Smith, Owner
Facility Contact Telephone Number: (505) 598-5254
Facility Location: 24 Road 6339
Kirtland, NM 87417

County: San Juan

Permitting Action: New

Permit Issuance Date: XXXXXX
Permit Expiration Date: XXXXXX

NMED Permit Contact: Melanie Sandoval, Environmental Scientist Supervisor
NMED Contact Telephone Number: (505) 827-2936
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MICHELLE HUNTER
Chief, Ground Water Quality Bureau
New Mexico Environment Department

Date

Effective Date: _____

I. DISCHARGE PERMIT INTRODUCTION

The New Mexico Environment Department (NMED) issues this groundwater discharge permit (Discharge Permit), DP-1905, to Gale Smith (Permittee) pursuant to the New Mexico Water Quality Act (WQA), NMSA 1978 §§74-6-1 through 74-6-17, and the New Mexico Water Quality Control Commission (WQCC) Ground and Surface Water Protection Regulations, 20.6.2 NMAC.

NMED's purpose in issuing this Discharge Permit, and in imposing the requirements and conditions specified herein, is to control the discharge of water contaminants from MGS Custom Cutting (Facility) in order to protect groundwater and those segments of surface water gaining from groundwater inflow for present and potential future use as domestic and agricultural water supply and other uses, and to protect public health. In issuing this Discharge Permit, NMED has determined that the Permittee has met the requirements of Subsection C of 20.6.2.3109 NMAC. Pursuant to Section 20.6.2.3104 NMAC, it is the Permittee's responsibility to comply with the terms and conditions of this Discharge Permit; failure to do so may result in enforcement action by NMED (20.6.2.1220 NMAC).

A brief description of the activities that produce the discharge, the location of the discharge, and the quantity, quality, and flow characteristics of the discharge are as follows.

A Norweco Singulair wastewater treatment system receives and treats up to 306 gallons per day (gpd) of slaughterhouse processing wastewater. Treated wastewater is then discharged to a leachfield system for disposal.

The Facility is located at 24 Road 6339, Kirtland, in Section 18, T29N, R14W, San Juan County. Groundwater most likely to be affected by the discharge is at a depth of approximately 5 feet and has a total dissolved solids (TDS) concentration of approximately 1,190 milligrams per liter.

The application (i.e., discharge plan) consists of the materials submitted by the Permittee dated December 30, 2019 and materials contained in the administrative record prior to issuance of this Discharge Permit. The Permittee shall manage this discharge in accordance with all conditions and requirements of this Discharge Permit.

NMED reserves the right to require a Discharge Permit Modification in the event NMED determines that the Permittee is or may be violating, or is likely to violate in the future, the requirements of 20.6.2 NMAC or the standards of Section 20.6.2.3103 NMAC. NMED reserves this right pursuant to Section 20.6.2.3109 NMAC. An NMED requirement to modify the Discharge Permit may result from a determination that structural controls and/or management practices approved under this Discharge Permit are not protective of groundwater quality and that more stringent requirements to protect groundwater quality are necessary. NMED reserves the right to require the Permittee implement abatement of water pollution and remediate groundwater quality.

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Issuance of this Discharge Permit does not relieve the Permittee of the responsibility to comply with the WQA, WQCC Regulations, and any other applicable federal, state and/or local laws and regulations, such as zoning requirements and nuisance ordinances.

This Discharge Permit may use the following acronyms and abbreviations.

Abbreviation	Explanation	Abbreviation	Explanation
BOD ₅	biochemical oxygen demand (5-day)	NMED	New Mexico Environment Department
CFR	Code of Federal Regulations	NMSA	New Mexico Statutes Annotated
CFU	Colony Forming Unit	NO ₃ -N	nitrate-nitrogen
Cl	chloride	NTU	nephelometric turbidity units
EPA	United States Environmental Protection Agency	TDS	total dissolved solids
gpd	gallons per day	TKN	total Kjeldahl nitrogen
LAA	land application area	total nitrogen	= TKN + NO ₃ -N
LADS	land application data sheet(s)	TRC	Total Residual Chlorine
mg/L	milligrams per liter	TSS	total suspended solids
mL	milliliters	WQA	New Mexico Water Quality Act
MPN	Most Probable Number	WQCC	Water Quality Control Commission
NMAC	New Mexico Administrative Code	WWTF	Wastewater Treatment Facility

II. FINDINGS

In issuing this Discharge Permit, NMED finds the following.

1. The Permittee is discharging effluent or leachate from the Facility so that such effluent or leachate may move into groundwater of the State of New Mexico that has an existing concentration of 10,000 mg/L or less of TDS, within the meaning of Subsection A of 20.6.2.3101 NMAC, without exceeding standards of 20.6.2.3103 NMAC for any water contaminant.
2. Pursuant to this Discharge Permit and Section 20.6.2.3104 NMAC, the Permittee is allowed to discharge effluent or leachate from the Facility directly or indirectly into groundwater.
3. The discharge from the Facility is not subject to any of the exemptions of Section 20.6.2.3105 NMAC.

III. AUTHORIZATION TO DISCHARGE

The Permittee is responsible for ensuring that discharges authorized by this Discharge Permit are consistent with the terms and conditions herein pursuant to 20.6.2.3104 NMAC.

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This Discharge Permit authorizes the Permittee to receive and treat up to 306 gpd of slaughterhouse processing wastewater using a Norweco Singulair wastewater treatment system. Treated wastewater may then be discharged to a leachfield system for disposal.

[20.6.2.3104 NMAC, Subsection C of 20.6.2.3106 NMAC, Subsection D of 20.6.2.3109 NMAC]

IV. CONDITIONS

NMED issues this Discharge Permit for the discharge of water contaminants subject to the following conditions.

A. OPERATIONAL PLAN

#	Terms and Conditions
1.	The Permittee shall implement the following operational plan to ensure compliance with Title 20, Chapter 6, Parts 2 and 4 NMAC. [Subsection C of 20.6.2.3109 NMAC]
2.	The Permittee shall operate in a manner such that standards and requirements of Sections 20.6.2.3101 and 20.6.2.3103 NMAC are not violated. [20.6.2.3101 NMAC, 20.6.2.3103 NMAC, Subsection C of 20.6.2.3109 NMAC]

Operational Actions with Implementation Deadlines

#	Terms and Conditions
3.	Within 30 days following the effective date of this Discharge Permit (by DATE), the Permittee shall complete construction of the replacement leachfield in accordance with the final construction plans and specifications submitted with the application to NMED (dated December 30, 2019) by a certified installer specialist. The Permittee shall notify NMED at the commencement of construction to allow NMED personnel to be onsite for inspection during construction. [Subsections A and C of 20.6.2.1202 NMAC, Subsection C of 20.6.2.3109 NMAC, NMSA 1978, §§ 61-23-1 through 61-23-32]
4.	Within 30 days of the effective date of this Discharge Permit (by DATE), the Permittee shall post signs indicating that the wastewater at the Facility is not potable. The Permittee shall post signs at the Facility entrance and other areas where there is potential for public contact with wastewater. Posted signs shall be in English and Spanish and shall be legible during the term of this Discharge Permit.

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	<p>Documentation of sign installation shall consist of a date-stamped photograph. The Permittee shall submit the documentation to NMED in the subsequent semi-annual monitoring report.</p> <p>[Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]</p>
5.	<p>Within 180 days following the effective date of this Discharge Permit (by DATE), the Permittee shall submit an up-to-date diagram of the layout of the entire Facility to NMED. The diagram shall include the following elements:</p> <ul style="list-style-type: none"> • a north arrow; • the effective date of the diagram; • all components of the wastewater treatment and disposal system; • all groundwater monitoring wells; • all backflow prevention methods/devices; • all flow measurement devices; and • all wastewater sampling locations. <p>The Permittee shall ensure that any element that cannot be directly shown on the diagram due to its location inside of existing structures, or because it is buried without surface identification, shall be on the diagram in a schematic format and identified as such.</p> <p>[Subsection C of 20.6.2.3106 NMAC, Subsection A of 20.6.2.3107 NMAC]</p>

Operating Conditions

#	Terms and Conditions
6.	<p>The Permittee shall ensure that treated wastewater discharged from the wastewater treatment tank does not exceed the following discharge limits.</p> <p>BOD₅: 30 mg/L Total Nitrogen: 25 mg/L</p> <p>[Subsection C of 20.6.2.3109 NMAC and Subsection A of 20.7.3.602 NMAC]</p>
7.	<p>The Permittee shall visually inspect the area above the leachfield (disposal system) semi-annually to ensure proper maintenance. The Permittee shall correct any conditions that</p>

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	<p>indicate damage to the disposal system. The Permittee shall ensure conditions corrected include erosion damage, animal activity/damage, woody shrubs, evidence of seepage, or any other condition indicating damage.</p> <p>The Permittee shall keep a log of the inspection findings and repairs that includes a date of the inspection and the name of the inspector. The Permittee shall make the log available to NMED upon request.</p> <p>In the event of a failure of the disposal system, the Permittee shall enact the Contingency Plan set forth in this Discharge Permit.</p> <p>[Subsections A and D of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
8.	<p>The Permittee shall properly manage all solids generated by the treatment system to maintain effective operation of the system by removing solids as necessary in accordance with accepted process control methods and manufacture's recommendations. The Permittee shall contain, transport and dispose of all solids removed from the treatment process in accordance with all local, state, and federal regulations.</p> <p>The Permittee shall maintain manifests for all solids transported from the treatment Facility for off-site disposal. The manifests shall identify the name of the hauler, the date of off-site shipment, the volume of solids removed, the disposal method, and disposal location. The manufacture's recommended solids management procedures and the manifests shall be made available to NMED upon request.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C –f 20.6.2.3109 NMAC]</p>
9.	<p>The Permittee shall inspect and clean the lift station as needed to prevent pump failure.</p> <p>The Permittee shall maintain a record of lift station inspections, repairs and cleanings and shall make that record available to NMED upon request.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
10.	<p>The Permittee shall utilize a Maintenance Service Provider at the appropriate level pursuant to 20.7.3.903 NMAC, Liquid Waste Disposal and Treatment Regulations or an operator certified by the State of New Mexico at the appropriate level pursuant to 20.7.4 NMAC, to operate the wastewater collection, treatment and disposal systems. A Maintenance Service Provider or a certified wastewater operator shall perform the operations and maintenance of all or any part of the wastewater system.</p>

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	<p>The Permittee shall notify the NMED within 24 hours if at any time the Permittee no longer has a Maintenance Service Provider or certified operator maintaining the system.</p> <p>[Subsection C of 20.6.2.3109 NMAC, 20.7.4 NMAC, 20.7.3.903 NMAC]</p>

B. MONITORING AND REPORTING

#	Terms and Conditions
11.	<p>The Permittee shall conduct the monitoring, reporting, and other requirements listed below in accordance with the monitoring requirements of this Discharge Permit.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
12.	<p>METHODOLOGY – Unless otherwise specified by this Discharge Permit, or approved in writing by NMED, the Permittee shall use sampling and analytical techniques that conform with the references listed in Subsection B of 20.6.2.3107 NMAC.</p> <p>[Subsection B of 20.6.2.3107 NMAC]</p>
13.	<p>Semi-annual monitoring: The Permittee shall perform monitoring during the following periods and shall submit semi-annual reports to NMED by the following due dates:</p> <ul style="list-style-type: none"> • January 1st through June 30th – due by August 1st; and • July 1st through December 31st – due by February 1st. <p>[Subsection A of 20.6.2.3107 NMAC]</p>

Monitoring Actions with Implementation Deadlines

#	Terms and Conditions
14.	<p>Within 60 days following the effective date of this Discharge Permit (by DATE), the Permittee shall submit a written groundwater monitoring well location proposal for NMED review and approval. The proposal shall designate the installation location of the monitoring well required by Condition 15 of this Discharge Permit. The proposal shall include, at a minimum, the following information:</p> <ul style="list-style-type: none"> a) A map showing the proposed monitoring well location in relation to the boundary of the leachfield. b) A written description of the specific location proposed for the monitoring well including the distance (in feet) and direction of the monitoring well from the edge of the leachfield. Examples include: 35 feet north-northwest of the northern berm of the synthetically

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	<p>lined impoundment; 45 feet due south of the leachfield; and 30 feet southeast of the re-use area 150 degrees from north.</p> <p>c) A statement describing the groundwater flow direction beneath the Facility, and documentation and/or data supporting the determination.</p> <p>The Permittee must have NMED's approval of all monitoring well locations prior to their installation.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
15.	<p>Within 120 days of the effective date of this Discharge Permit (by DATE), the Permittee shall install the following new monitoring well.</p> <p>a) One monitoring well (MW-1) located 20 to 50 feet hydrologically downgradient of the leachfield.</p> <p>The Permittee shall complete the well in accordance with the attachment titled <i>New Mexico Environment Department Ground Water Quality Bureau Monitoring Well Construction and Abandonment Guidelines</i>, Revision 1.1, March 2011.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
16.	<p>Following the installation of the monitoring well required by this Discharge Permit, the Permittee shall sample groundwater in the well and analyze the samples for TKN, NO₃-N, TDS and Cl.</p> <p>Groundwater sample collection, preservation, transport and analysis shall be performed according to the following procedure.</p> <p>a) Measure the depth-to-most-shallow groundwater from the top of the well casing to the nearest hundredth of a foot.</p> <p>b) Purge three well volumes of water from the well prior to sample collection.</p> <p>c) Obtain samples from the well for analysis.</p> <p>d) Properly prepare, preserve and transport samples.</p> <p>e) Analyze samples in accordance with the methods authorized in this Discharge Permit.</p> <p>The Permittee shall submit a well completion report to NMED within 45 days of the installation of the monitoring well. A well completion report shall include; the Office of the State Engineer permit, well construction and lithologic log, depth-to-most-shallow groundwater measurement, groundwater sample analytical results including the laboratory QA/QC summary report, and a facility layout map showing the location and number of each well.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>

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Groundwater Monitoring Conditions

#	Terms and Conditions
17.	<p>The Permittee shall perform semi-annual groundwater sampling in the following groundwater monitoring well and analyze the samples for TKN, NO₃-N, TDS and Cl.</p> <p>a) MW-1.</p> <p>The Permittee shall perform groundwater sample collection, preservation, transport and analysis according to the following procedures.</p> <p>a) Measure the depth-to-most-shallow groundwater from the top of the well casing to the nearest hundredth of a foot.</p> <p>b) Purge three well volumes of water from the well prior to sample collection.</p> <p>c) Obtain samples from the well for analysis.</p> <p>d) Properly prepare, preserve and transport samples.</p> <p>e) Analyze samples in accordance with the methods authorized in this Discharge Permit.</p> <p>The Permittee shall submit the depth-to-most-shallow groundwater measurements, analytical results, including the laboratory QA/QC summary report to NMED in the semi-annual monitoring reports required by Condition 13 of this Discharge Permit.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
18.	<p>NMED shall have the option to perform downhole inspections of the groundwater monitoring well identified in this Discharge Permit. NMED shall establish the inspection date and provide at least a 60-day notice to the Permittee by certified mail. The Permittee shall remove an existing dedicated pump, should one be present, at least 48 hours prior to NMED inspection to allow adequate settling time of sediment agitated from pump removal.</p> <p>Should a Facility not have an existing dedicated pump but decide to install a pump in the monitoring well, the Permittee shall notify NMED at least 90 days prior to pump installation so that NMED can schedule a downhole well inspection prior to pump placement.</p> <p>[Subsections A and D of 20.6.2.3107 NMAC]</p>

Facility Monitoring Conditions

#	Terms and Conditions
19.	<p>The Permittee shall estimate the monthly volume of wastewater received by the wastewater treatment system by recording the Facility's water supply meter readings on a monthly basis and calculating the monthly and average daily usage volumes. The Permittee shall use the</p>

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	<p>estimated monthly influent volume* (based upon meter readings) to calculate the average daily volume by the formula below.</p> <p style="text-align: center;">estimated monthly volume ÷ number of days between readings = average daily volume</p> <p>Each month, the Permittee shall make note of any significant alternative uses of the water (e.g., irrigation, evaporative cooling or leaks) that do not contribute to the volume of wastewater received.</p> <p>The Permittee shall submit the monthly meter readings, estimated monthly and average daily influent volumes, and notes and estimated volume of significant alternative uses to NMED in the associated semi-annual monitoring reports required by Condition 13 of this Discharge Permit.</p> <p>*Should more than one flow meter exist for the Facility's water supply, the Permittee shall calculate the estimated monthly volume for the Facility by adding the estimated monthly volume for each meter. This summation should be completed prior to calculating the average daily volume for the Facility.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]</p>
20.	<p>The Permittee shall collect samples of treated wastewater sample from the wastewater treatment tank on a semi-annual basis and analyze the samples for:</p> <ul style="list-style-type: none"> • BOD₅ • SO₄ (Sulfate) • TKN • NO₃-N • TDS • Cl. <p>The Permittee shall ensure the samples are properly prepared, preserved, transported and analyzed in accordance with the methods authorized in this Discharge Permit. The Permittee shall submit the analytical results, including the QA/QC summary and Chain of Custody, to NMED in the subsequent semi-annual monitoring report required by Condition 13 of this Discharge Permit.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]</p>
21.	<p>The Permittee shall submit records of solids disposal, including the volume of solids removed and copies of all manifests for the previous calendar year, to NMED annually in the monitoring report due by August 1st each year.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>

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C. CONTINGENCY PLAN

#	Terms and Conditions
22.	<p>In the event that groundwater monitoring indicates that groundwater exceeds a standard identified in Section 20.6.2.3103 NMAC, the Permittee shall collect a confirmatory sample from the monitoring well within 15 days of receipt of the initial sampling results to confirm the initial sampling results.</p> <p>Within 60 days of confirmation of groundwater contamination, the Permittee shall submit to NMED a Corrective Action Plan (CAP) that proposes, at a minimum, source control measures and an implementation schedule. The Permittee shall enact the CAP as approved by NMED.</p> <p>Once invoked (whether during the term of this Discharge Permit, or after the term of this Discharge Permit and prior to the completion of the Discharge Permit closure plan requirements), this condition shall apply until the Permittee has fulfilled the requirements of this condition and groundwater monitoring confirms for a minimum of eight (8) consecutive quarterly samples that groundwater does not exceed the standards of Section 20.6.2.3103 NMAC.</p> <p>If the groundwater standard continues to be violated 180 days after the confirmation of groundwater contamination, NMED may require the Permittee to abate water pollution consistent with the requirements and provisions of Section 20.6.2.4101, Section 20.6.2.4103, Subsections C and E of 20.6.2.4106, Section 20.6.2.4107, Section 20.6.2.4108 and Section 20.6.2.4112 NMAC.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection E of 20.6.2.3109 NMAC]</p>
23.	<p>In the event that information available to NMED indicates that a groundwater monitoring well is not constructed in a manner consistent with the attachment titled <i>New Mexico Environment Department Ground Water Quality Bureau Monitoring Well Construction and Abandonment Guidelines</i>, Revision 1.1, March 2011; contains insufficient water to effectively monitor groundwater quality; or is otherwise not completed in a manner that is protective of groundwater quality, the Permittee shall install a replacement well(s) within 120 days following notification from NMED.</p> <p>The Permittee shall install replacement wells at locations approved by NMED and completed in accordance with the attachment titled <i>New Mexico Environment Department Ground Water Quality Bureau Monitoring Well Construction and Abandonment Guidelines</i>, Revision</p>

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	<p>1.1, March 2011. The Permittee shall submit construction and lithologic logs to NMED within 60 days following well completion.</p> <p>The Permittee shall properly plug and abandon the monitoring well requiring replacement upon completion of the replacement monitoring well. The Permittee shall complete the well plugging and abandonment, and shall document the abandonment procedures, in accordance with the attachment titled <i>New Mexico Environment Department Ground Water Quality Bureau Monitoring Well Construction and Abandonment Guidelines</i>, Revision 1.1, March 2011, and all applicable local, state, and federal regulations. The Permittee shall submit well abandonment documentation to NMED within 60 days of completion of well plugging activities.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
24.	<p>In the event that analytical results of a treated wastewater sample indicate an exceedance of the total nitrogen discharge limit set in this Discharge Permit, the Permittee shall collect and submit for analysis a second sample within 48 hours of the receipt of the initial sampling results. In the event the second sample results indicate an exceedance of the discharge limit, the Permittee shall enact the following contingencies.</p> <ul style="list-style-type: none"> a) Within 7 days of the second sample analysis date indicating exceedance of the discharge limit, the Permittee shall: <ul style="list-style-type: none"> i) notify NMED that the Permittee is enacting the Contingency Plan; and ii) submit a copy of the first and second analytical results indicating an exceedance to NMED. b) The Permittee shall increase the frequency of total nitrogen wastewater sampling and analysis of treated wastewater to once per month. c) The Permittee shall examine the operation and maintenance log, required by the Record Keeping conditions of this Discharge Permit, for improper operational procedures. d) The Permittee shall conduct a physical inspection of the treatment system to detect abnormalities. The Permittee shall correct any abnormalities discovered. The Permittee shall submit a report to NMED detailing the corrections within 30 days of correction. e) In the event that any analytical results from monthly wastewater sampling indicate an exceedance of the total nitrogen discharge limit, the Permittee shall submit a CAP to NMED for approval proposing to modify operational procedures and/or upgrade the treatment process to achieve the total nitrogen limit. The Permittee shall submit the CAP including a schedule for completion of corrective actions and within 90 days of receipt of the analytical results of the second sample indicating that the discharge limit is continuing to be exceeded. The Permittee shall initiate implementation of the CAP following approval by NMED.

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	<p>When analytical results from three consecutive months of wastewater sampling do not exceed the discharge limit, the Permittee may request NMED authorize a return to a quarterly monitoring frequency.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
25.	<p>In the event that the Permittee identifies failure of the leachfield, such as surfacing wastewater, the Permittee shall enact the following Contingency Plan.</p> <ul style="list-style-type: none"> a) Within 24 hours following the discovered failure, the Permittee shall: <ul style="list-style-type: none"> i) Notify NMED of the failure in accordance with the notification requirements described in the Contingency Plan for unauthorized discharges; and ii) Restrict public access to the area. b) The Permittee shall conduct a physical inspection of the treatment and disposal system to identify additional potential failures and record them in the inspection log. c) The Permittee shall propose actions to address the failure and methods of correction by submitting a CAP to NMED for approval within 15 days following the discovered failure. The Permittee shall ensure the CAP includes a schedule for completion of corrective actions. The Permittee shall initiate implementation of the CAP following NMED approval. <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
26.	<p>In the event that a release (commonly known as a “spill”) occurs that is not authorized under this Discharge Permit, the Permittee shall take measures to mitigate damage from the unauthorized discharge and initiate the notifications and corrective actions required in Section 20.6.2.1203 NMAC and summarized below.</p> <p>Within <u>24 hours</u> following discovery of the unauthorized discharge, the Permittee shall verbally notify NMED and provide the following information.</p> <ul style="list-style-type: none"> a) The name, address, and telephone number of the person or persons in charge of the Facility, as well as of the owner and/or operator of the Facility. b) The name and address of the Facility. c) The date, time, location, and duration of the unauthorized discharge. d) The source and cause of unauthorized discharge. e) A description of the unauthorized discharge, including its estimated chemical composition. f) The estimated volume of the unauthorized discharge. g) Any actions taken to mitigate immediate damage from the unauthorized discharge.

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	<p>Within <u>one week</u> following discovery of the unauthorized discharge, the Permittee shall submit written notification to NMED with the information listed above and any pertinent updates.</p> <p>Within <u>15 days</u> following discovery of the unauthorized discharge, the Permittee shall submit a corrective action report/plan to NMED describing any corrective actions taken and/or to be taken relative to the unauthorized discharge that includes the following information.</p> <ul style="list-style-type: none"> a) A description of proposed actions to mitigate damage from the unauthorized discharge. b) A description of proposed actions to prevent future unauthorized discharges of this nature. c) A schedule for completion of proposed actions. <p>In the event that the unauthorized discharge causes or may with reasonable probability cause water pollution in excess of the standards and requirements of Section 20.6.2.4103 NMAC, and the water pollution will not be abated within 180 days after notice is required to be given pursuant to Paragraph (1) of Subsection A of 20.6.2.1203 NMAC, NMED may require the Permittee to abate water pollution pursuant to Sections 20.6.2.4000 through 20.6.2.4115 NMAC.</p> <p>The Permittee shall not construe anything in this condition as relieving them of the obligation to comply with all requirements of Section 20.6.2.1203 NMAC.</p> <p>[20.6.2.1203 NMAC]</p>
27.	<p>In the event that NMED or the Permittee identifies any failures of the discharge plan, i.e., the application, or this Discharge Permit not specifically noted herein, NMED may require the Permittee to submit a CAP and a schedule for completion of corrective actions to address the failure(s). Additionally, NMED may require a discharge permit modification to achieve compliance with 20.6.2 NMAC.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection E of 20.6.2.3109 NMAC]</p>

D. CLOSURE PLAN***Permanent Facility Closure Conditions***

#	Terms and Conditions
28.	<p>The Permittee shall perform the following closure measures in the event the Facility, or a component of the Facility, is proposed to be permanently closed.</p>

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	<p>Within <u>90 days</u> of ceasing to discharge to the treatment system, the Permittee shall complete the following closure measures.</p> <ol style="list-style-type: none"> Plug the line leading to the system so that a discharge can no longer occur. Wastewater shall be pumped from the system components (e.g., septic tanks, lift stations, dosing chambers, distribution boxes) and it shall be contained, transported, and disposed of in accordance with all local, state, and federal regulations, including 40 CFR Part 503. The Permittee shall maintain a record of all wastes transported for off-site disposal. <p>Within <u>180 days</u> of ceasing to discharge to the treatment system (or unit), the Permittee shall complete the following closure measures.</p> <ol style="list-style-type: none"> Remove all lines leading to and from the treatment system, or permanently plug and abandon them in place. Remove or demolish all treatment system components, and re-grade the area with suitable fill to blend with surface topography, promote positive drainage and prevent ponding. <p>The Permittee shall continue groundwater monitoring until the requirements of this condition and groundwater monitoring confirms for a minimum of eight (8) consecutive groundwater sampling events that the standards of Section 20.6.2.3103 NMAC are not exceeded in groundwater. This period is referred to as “post-closure.”</p> <p>If at any time monitoring results show an exceedance of a groundwater quality standard in Section 20.6.2.3103 NMAC, the Permittee shall implement the Contingency Plan required by this Discharge Permit.</p> <p>Following notification from NMED that post-closure monitoring may cease, the Permittee shall plug and abandon the monitoring well(s) in accordance with the attachment titled <i>New Mexico Environment Department Ground Water Quality Bureau Monitoring Well Construction and Abandonment Guidelines</i>, Revision 1.1, March 2011.</p> <p>When the Permittee has met all closure and post-closure requirements and verified with date stamped photographic evidence or an associated NMED inspection, the Permittee may submit to NMED a written request, including photographic evidence, for termination of the Discharge Permit.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection D of 20.6.2.4103 NMAC, 40 CFR Part 503]</p>

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E. GENERAL TERMS AND CONDITIONS

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29.	<p>RECORD KEEPING - The Permittee shall maintain a written record of:</p> <ul style="list-style-type: none"> • Information and data used to complete the application for this Discharge Permit; • Any releases (commonly known as “spills”) not authorized under this Discharge Permit and reports submitted pursuant to 20.6.2.1203 NMAC; • The operation, maintenance, and repair of all facilities/equipment used to treat, store or dispose of wastewater; • Facility record drawings (plans and specifications) showing the actual construction of the Facility and bear the seal and signature of a licensed New Mexico professional engineer; • Copies of inspection and monitoring reports or logs completed and/or submitted to NMED pursuant to this Discharge Permit; • The volume of wastewater or other wastes discharged pursuant to this Discharge Permit; • Groundwater quality and wastewater quality data collected pursuant to this Discharge Permit; • Copies of construction records (well log) for all sampled groundwater monitoring wells pursuant to this Discharge Permit; • The maintenance, repair, replacement or calibration of any monitoring equipment or flow measurement devices required by this Discharge Permit; and • Data and information related to field measurements, sampling, and analysis conducted pursuant to this Discharge Permit, including: <ul style="list-style-type: none"> ○ the dates, location and times of sampling or field measurements; ○ the name and job title of the individuals who performed each sample collection or field measurement; ○ the sample analysis date of each sample ○ the name and address of the laboratory, and the name of the signatory authority for the laboratory analysis; ○ the analytical technique or method used to analyze each sample or collect each field measurement; ○ the results of each analysis or field measurement, including raw data; ○ the results of any split, spiked, duplicate or repeat sample; and ○ a copy of the laboratory analysis chain-of-custody as well as a description of the quality assurance and quality control procedures used. <p>The Permittee shall maintain the written record at a location accessible to NMED during a Facility inspection for a lifetime of the Discharge Permit. The Permittee shall make the record available to the department upon request.</p> <p>[Subsections A and D of 20.6.2.3107 NMAC]</p>

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30.	<p>INSPECTION and ENTRY – The Permittee shall allow NMED to inspect the Facility and its operations that are subject to this Discharge Permit and the WQCC regulations. NMED may upon presentation of proper credentials, enter at reasonable times upon or through any premises in which a water contaminant source is located or in which any maintained records required by this Discharge Permit, the regulations of the federal government, or the WQCC are located.</p> <p>The Permittee shall allow NMED to have access to and reproduce for their use any copy of the records, and to perform assessments, sampling or monitoring during an inspection for the purpose of evaluating compliance with this Discharge Permit and the WQCC regulations.</p> <p>No person shall construe anything in this Discharge Permit as limiting in any way the inspection and entry authority of NMED under the WQA, the WQCC Regulations, or any other local, state or federal regulations.</p> <p>[Subsection D of 20.6.2.3107 NMAC, NMSA 1978, §§ 74-6-9.B and 74-6-9.E]</p>
31.	<p>DUTY to PROVIDE INFORMATION - The Permittee shall, upon NMED's request, allow for NMED's inspection/duplication of records required by this Discharge Permit and/or furnish to NMED copies of such records.</p> <p>[Subsection D of 20.6.2.3107 NMAC]</p>
32.	<p>MODIFICATIONS and/or AMENDMENTS – In the event the Permittee proposes a change to the Facility or the Facility's discharge that would result in a change in the volume discharged; the location of the discharge; or in the amount or character of water contaminants received, treated or discharged by the Facility, the Permittee shall notify NMED prior to implementing such changes. The Permittee shall obtain approval (which may require modification of this Discharge Permit) from NMED prior to implementing such changes.</p> <p>[Subsection C of 20.6.2.3107 NMAC, Subsections E and G of 20.6.2.3109 NMAC]</p>
33.	<p>PLANS and SPECIFICATIONS – In the event the Permittee proposes to construct a wastewater system or change a process unit of an existing system such that the quantity or quality of the discharge will change substantially from that authorized by this Discharge Permit, the Permittee shall submit construction plans and specifications of the proposed system or process unit to NMED for approval prior to the commencement of construction.</p> <p>In the event the Permittee implements changes to the wastewater system authorized by this Discharge Permit that result in only a minor effect on the character of the discharge, the</p>

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	<p>Permittee shall report such changes (including the submission of record drawings where applicable) to NMED prior to implementation.</p> <p>[Subsections A and C of 20.6.2.1202 NMAC, NMSA 1978, §§ 61-23-1 through 61-23-32]</p>
34.	<p>CIVIL PENALTIES - Any violation of the requirements and conditions of this Discharge Permit, including any failure to allow NMED staff to enter and inspect records or facilities, or any refusal or failure to provide NMED with records or information, may subject the Permittee to a civil enforcement action. Pursuant to WQA 74-6-10(A) and (B), such action may include a compliance order requiring compliance immediately or in a specified time, assessing a civil penalty, modifying or terminating the Discharge Permit, or any combination of the foregoing; or an action in district court seeking injunctive relief, civil penalties, or both. Pursuant to WQA 74-6-10(C) and 74-6-10.1, civil penalties of up to \$15,000 per day of noncompliance may be assessed for each violation of the WQA 74-6-5, the WQCC Regulations, or this Discharge Permit, and civil penalties of up to \$10,000 per day of noncompliance may be assessed for each violation of any other provision of the WQA, or any regulation, standard, or order adopted pursuant to such other provision. In any action to enforce this Discharge Permit, the Permittee waives any objection to the admissibility as evidence of any data generated pursuant to this Discharge Permit.</p> <p>[20.6.2.1220 NMAC, NMSA 1978, §§ 74-6-10 and 74-6-10.1]</p>
35.	<p>CRIMINAL PENALTIES – No person shall:</p> <ul style="list-style-type: none"> • Make any false material statement, representation, certification or omission of material fact in an application, record, report, plan or other document filed, submitted or maintained under the WQA; • Falsify, tamper with or render inaccurate any monitoring device, method or record maintained under the WQA; or • Fail to monitor, sample or report as required by a permit issued pursuant to a state or federal law or regulation. <p>Any person who knowingly violates or knowingly causes or allows another person to violate the requirements of this condition is guilty of a fourth degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who is convicted of a second or subsequent violation of the requirements of this condition is guilty of a third degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who knowingly violates the requirements of this condition or knowingly causes another person to violate the requirements of this condition and thereby causes a substantial adverse environmental impact is guilty of a third degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who</p>

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	<p>knowingly violates the requirements of this condition and knows at the time of the violation that he is creating a substantial danger of death or serious bodily injury to any other person is guilty of a second degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15.</p> <p>[20.6.2.1220 NMAC, NMSA 1978, §§ 74-6-10.2.A through 74-6-10.2.F]</p>
36.	<p>COMPLIANCE with OTHER LAWS - Nothing in this Discharge Permit shall be construed in any way as relieving the Permittee of the obligation to comply with any other applicable federal, state, and/or local laws, regulations, zoning requirements, nuisance ordinances, permits or orders.</p> <p>[NMSA 1978, § 74-6-5.L]</p>
37.	<p>RIGHT to APPEAL - The Permittee may file a petition for review before the WQCC on this Discharge Permit. Such petition shall be in writing to the WQCC within thirty days of the receipt of postal notice of this Discharge Permit and shall include a statement of the issues raised and the relief sought. Unless the Permittee files a timely petition for review, the decision of NMED shall be final and not subject to judicial review.</p> <p>[20.6.2.3112 NMAC, NMSA 1978, § 74-6-5.O]</p>
38.	<p>TRANSFER of DISCHARGE PERMIT - Prior to the transfer of any ownership, control, or possession of this Facility or any portion thereof, the Permittee shall:</p> <ul style="list-style-type: none"> • Notify the proposed transferee in writing of the existence of this Discharge Permit; • Include a copy of this Discharge Permit with the notice; and • Deliver or send by certified mail to NMED a copy of the notification and proof that the proposed transferee has received such notification. <p>The Permittee shall continue to be responsible for any discharge from the Facility, until both ownership and possession of the Facility have been transferred to the transferee.</p> <p>[20.6.2.3111 NMAC]</p>
39.	<p>PERMIT FEES – The Permittee shall be aware that the payment of permit fees is due at the time of Discharge Permit approval. The Permittee may pay the permit fees in a single payment or they may pay the fee in equal installments on a yearly basis over the term of the Discharge Permit. The Permittee shall remit single payments to NMED no later than 30 days after the Discharge Permit effective date. The Permittee shall remit initial installment payments to NMED no later than 30 days after the Discharge Permit effective date; with</p>

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	<p>subsequent installment payments remitted to NMED no later than the anniversary of the Discharge Permit effective date.</p> <p>Permit fees are associated with <u>issuance</u> of this Discharge Permit. No person shall construe anything in this Discharge Permit as relieving the Permittee of the obligation to pay all permit fees assessed by NMED. A Permittee that ceases discharging or does not commence discharging from the Facility during the term of the Discharge Permit shall pay all permit fees assessed by NMED. NMED shall suspend or terminate an approved Discharge Permit if the Permittee fails to remit an installment payment by its due date.</p> <p>[Subsection F of 20.6.2.3114 NMAC, NMSA 1978, § 74-6-5.K]</p>